

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Liang-Chy Chien et al.

Serial No: 10/553,326

Filed: October 14, 2005

For: **METHOD OF PLASMA BEAM BOMBARDMENT OF ALIGNING  
FILMS FOR LIQUID CRYSTALS**



Examiner: Tai V. Duong

Group Art Unit: 2871

Date: November 4, 2009

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir,

Supplemental to the Information Disclosure Statement filed on October 14, 2005 for this application, Applicants provide the Examiner with the following documents under rule 1.97(b)(4) being filed prior to the first office action after the filing of a Request for Continued Examination.

As authorized and encouraged under 37 C.F.R. §1.97-1.99, applicant hereby cites as a means of complying with the duty of disclosure set forth in 37 C.F.R. §1.56, the following documents, which the Examiner should consider with respect to the above-identified U.S. patent application:

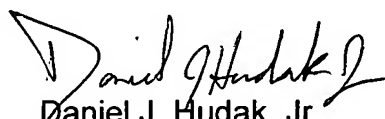
ARTICLES
O. Yaroshchuk, Yu. Zakrevskyy, A. Dobrovolskyy, S. Pavlov, <i>Liquid Crystal Alignment on the Polymer Substrates Irradiated by Plasma Beam</i> , Proc. of SPIE, Vol. 4418, 49-53 (2001).
O. Yaroshchuk, Yu. Zakrevskyy, A. Dobrovolskyy, S. Pavlov, <i>Polymer Films Treated with Plasma Beam as Aligning Substrates for Liquid Crystals</i> , Asia Display/IDW, 73-76 (2001).
O. Yaroshchuk, R. Kravchuk, A. Dobrovolskyy, S. Pavlov, <i>P-14: Plasma Treatment as a Method of In-Plane LC Alignment</i> , Eurodisplay, 421-424 (2002).

In accordance with 37 CFR 1.98(a)(2)(i) only copies of the non-patent documents are attached for the express purpose of providing the Patent and Trademark Office with an ample opportunity to evaluate the same and to arrive at an independent assessment of their materiality, if any, with regard to the examination of the application.

A Notice of Allowance is earnestly solicited.

Respectfully submitted,

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